

SECRET

WORKING PAPER

Central Intelligence Agency
National Foreign Assessment Center
Office of Imagery Analysis

8 September 1980

ECONOMIC RESOURCES DIVISION

Significant Substantive Items - Week of 1 September 1980

1. ISSB received a request [] for information and photography of two industrial plants in North Korea. The request has been discussed with [] CRES/Community Representation Group and a cable response is being prepared. []

2. [] attended a briefing by a representative of the Defense Advanced Research Projects Agency (DARPA), on overhead imagery rectification and video mapping. The briefing was arranged by ORD and was also attended by technical representatives from the DDO area divisions. DARPA is developing a method to simulate the ground level view of buildings from oblique overhead imagery. The system is still in development, but inherent limitations in its capability and the large amount of computer time required to rectify the overhead imagery suggest it will have only limited intelligence applications. The video mapping system involves photographing, from ground level, city streets, a harbor, airport or the inside of a building with cameras aimed forward, aft, left and right. The images are put on a video disc and can be used to simulate a tour through a city, airport, building, etc. The DDO tech reps were particularly interested in the application of the system to counter-terrorism operations. []

3. [] met with [] OER, at Headquarters to review [] film depicting the severe digging conditions [] in the Soviet Union's Yakutsk Coal Basin. Afterwards, the analysts discussed forthcoming imagery requirements dealing with the various Soviet coal basins. [] will visit OIA at a later date to discuss in more detail these requirements and to become more familiar with our imagery interpretation capabilities. []

[]
Chief, Economic Resources Division
Office of Imagery Analysis

Secret